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ANNUAL PROGRAMME/PROJECT REPORT (APR) – 2009

Basic programme/project information

Programme or project number and title:

00059896 “Mitigating climate change through improving energy efficiency in building sector”

Designated institution: **Ministry of Environment and Physical Planning**

Project starting date: *July 3rd 2009*

Originally planned: *July 3rd 2009*

Actual: *October 2009*

Project completion date: *October 2011*

Originally planned: *June 2011*

Total budget (US \$): *350,000 Euro equivalent to 510,204.08 \$USD*

Original: *350,000 Euro*

Latest signed revision: *6 Nov 2009*

Period covered by the report: *July 3rd –December 31st 2009*



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TEXTUAL ASSESSMENT

1. What are the major achievements of the programme or project vis-à-vis the expected results during the year under review? To the extent possible, include an assessment of the potential impact, sustainability and contribution to capacity development.

- **Inception workshop**

The workshop was held on December 4th 2009 and there were 45 attendants. All of the important stakeholders were involved including the Ministry of Economy, Ministry of Environment and Physical Planning, Macedonian Energy Agency, Government of Macedonia through the Secretariat for European Affairs, Hydro-meteorological institute, Macedonian Chamber of Commerce, Faculty for Civil Engineering, Faculty for Mechanical Engineering, Faculty for Architecture, Union of Local Self-Governments, Macedonian Development Bank, World Bank, UNDP, GTZ, GEF SGP, EVN, ELEM, Toplifikacija and members from local NGOs and other representatives from the business sector. An international dimension was given by the attendance of Mr. Vladimir Kalinski from the Croatian GTZ/UNDP.

The inception workshop was crucial for gathering opinions of the planned activities from the relevant stakeholders in a way of qualitative improvement of the project activities. At the workshop a work group was established that will comment and improve the approach for data gathering. The overall objective of the Inception Workshop was to understand and take ownership of the project's goals and objective, as well as to finalize the inception phase of project.

- **Additional resource mobilization**

For strengthening the capacities of the local authorities and the Hydro-meteorological Institute for energy efficiency issues the Project unit prepared two project proposals for the Czech Trust Fund. Local governments and the hydro-meteorological Institute are key stakeholders for creating sustainability of the software for the databases, and additional support aside of the project document would result in a bigger commitment of the stakeholders to fulfill their obligations during and after the time frame of the project.

Project Proposal No1: Preparation of a report on the Czech experience in implementing the EPBD and organization of a Study-Tour for representatives of Local Self-Governments to relevant stakeholders in the Czech Republic with the aim to raise awareness among and strengthen the capacities of local authorities regarding the compliance of laws and regulations deriving from the transposition of the EPBD and the successful implementation of energy efficiency programmes for public buildings on the local level.

Project Proposal No2: Installation of the latest version of the Clidata database and all necessary related modules in HMS-Skopje (as part of the Basic Training). Organization of two trainings for HMS employees that work as administrators and operators in HMS-Skopje, i.e. basic training and ArcView training.

The application for the strengthening the capacities of the local authorities was accepted by the Czech Trust Fund. The proposal for strengthening the capacities of the Hydro-meteorological Institute is still under consideration.



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- **Capacity building and international networking**

The Project "Removing Barriers in Energy efficiency in Croatia" implemented by UNDP Croatia as part of their activities are in preparation of the third national sophisticated software for energy performance based on the same EE tools as our project. Moreover, they have prepared a training kit for the municipal authorities similar as our output of the project. For that purpose the PU organized a study visit in Croatia with two main objectives:

1. Determination of the similar approach in Macedonian context for development of the software for the databases and the criterion for data collection as already developed Energy Management Information System (EMIS) application. EMIS is a software system that will be used as a main tool for the purpose of continuous energy management in public buildings owned by cities, counties and government in Croatia (November 23rd 2009).
2. Participation at the stakeholders training on Energy efficiency for determination of the training kit for the stakeholders that can be used in Macedonia. (November 24th 2009)

- **Selection of consultants**

For the purposes of the project two consultants were selected:

1. *Consultant for the assessment of methodologies for the calculation of energy performance of buildings, corresponding climate parameter and climate data requirements for the period December 2009 - May 2010.* The consultant will have to support the PU in reviewing the institutional setup for collection, processing, management and dissemination of climatological data, identifying available methodologies for the calculation of energy performance of buildings, and the climatological parameters required for each of them, recommending the methodology that is considered as the best in the given context and based on the recommended methodology, determination of the required climate parameters that should be incorporated in the climate database.
2. *Technical Advisor for Energy Efficiency in Building Sector for the period December 1st, 2009 – May 31st, 2011.* The consultant will Provide specific expert input to the preparation of relevant documents and review the quality for various project assignments, including but not limited to:
 - Climatological database;
 - Inventory of public buildings;
 - Investment-oriented energy efficient building programme;
 - Energy efficiency programmes for public buildings;
 - Development of PIN for potential CDM projects;
 - Public awareness activities

- **Stakeholder analysis**

For the purposes of the project, the project team conducted more than 50 different meetings. The main objective was to create a stakeholders analysis report and create a partnership network with relevant stakeholders. The document is important for an enhanced stakeholder management with the aim of signing Memorandums of Understanding with relevant stakeholders and deepening cooperation with the sector.

- **Establishment of Project Board Nominations**



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The Project Unit established a Project Board as the main decision making body for the project. The Project Board is consisted of representatives of the major stakeholders:

1. *Executive*: Ministry of Environment and Physical Planning, representing the project ownership to chair the group;
2. *Senior Supplier*: UNDP and ADC (Austrian Development Cooperation) representing the interests of the parties, which provide funds and/or technical expertise to the project (designing, developing, facilitating, procuring, implementing); and
3. *Senior Beneficiary*: Ministry of Economy and ZELS (Association of Local Self Government). The Senior Beneficiary's primary function within the Board is to ensure the realization of project results from the perspective of project beneficiaries.

- **Raising awareness of the general public (News paper, TV and web page articles about the Energy Efficiency issues**

It is of a great importance to reach the public with information about energy efficiency in order to increase the awareness of the population, who represent the final beneficiaries of the project on one hand and main actors for increasing the energy saving on the other. The most cost effective way for disseminating information about energy efficiency in the public is through the press and media. The PU released a series of articles in printed and electronic media on the topic.

1. Daily newspaper "Nova Makedonija" - November 5th 2009;
 - a. (<http://www.novamakedonija.com.mk/NewsDetal.asp?vest=1259938519&id=10&prilog=0&setlzdanie=21855>)
 2. Daily newspaper "Vecer" - November 5th 2009
 - a. (<http://www.vecer.com.mk/?ItemID=5727C6561BC6894F8AA0DB0EB17C0F63>)
 3. Specialized monthly magazine for Civil Engineering, Architecture and Ecology "PORTA 3", No120 – December 15th 2009
 4. Web page of the Ministry for Environment and Physical Planning on Macedonian and Albanian language
 - a. (<http://www.moep.gov.mk/default-MK.asp?ItemID=3326E87DDB83AF47A3BCBD715EEB3F84>)
 - b. (<http://www.moep.gov.mk/default-al.asp?ItemID=A18969BF0662CD438C40EAB1AF97765A>)
 5. Web page of the United Nation Development Programme
 - a. (<http://www.undp.org.mk>)
 6. National television MTV on the Daily News on November 6th
 7. Information Agencies MIA and MakFax on November 6th
- **Networking the project activities through the national information portal EkoNet (www.eko.net.mk)**

The National information portal is working on environmental issues since 2001 and has 1435 mailing list members and has more than 500 administrators. The project has agreed with the EkoNet to cover and publish articles for the project activities in the period of December 2009 to December 2010.

 1. Information about the inception workshop (<http://www.eko.net.mk/news/newsDetail.asp?kategorija=undefined&mesec=undefined&godina=undefined&idType=1&vestId=3196>)
 2. Interview with the project manager (<http://www.eko.net.mk/otherContent/contentShow.asp?idContent=3206&idType=3>)
 - **Publishing the Macedonian version of the EPBD**



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The Project Unit is working closely with the State Secretariat for European Affairs from the Macedonian Government on finishing the translation of the Directive. The head of the technical secretary will be appointed by the Ministry of Economy in the beginning of January. The design of the future publication is discussed and will be finalized in the beginning of January 2010. The published Directive will be used for informing all the stakeholders for their future legal obligation, as well as preparing the relevant stakeholders for the changes in the national legislation.

- **Publishing leaflet about the project**

For the promotional purposes of the project the Project Unit published a leaflet for the project. The leaflet consist the project background, overall goals and main outputs of the project.

2. What major issues and problems are affecting the achievement of programme or project results?

1. Deficiency of appropriate and reliable data and/or unwillingness of institutions to provide data/information in their possession;
2. Methodology for data collection fails to pass or has long delays in legislation process at the relevant ministries;
3. The quantity of public objects to be assessed trespasses the organizational capacities of the local self-governments and the UNDP PU;
4. Non-adequate technical equipment at the Ministries, Municipalities and State Institutions to host and facilitate the software for the databases and process the required data;
5. Insufficient interest and knowledge on energy efficiency issues especially on local level;
6. Insufficient coordination among the Projects within the Energy Efficiency Programme.

3. How should these issues or problems be resolved? Please explain in detail the action(s) recommended. Specify who should be responsible for such actions. Also indicate a tentative time-frame and the resources required.

1. The project team will take stock of all relevant resources of data/information and will invite related institutions to participate in the project implementation. The Law on Free Access to Information also provides legal framework for getting the required data. We might face this issue at the period between January and October 2010 where the data gathering will take place. No major resources will need to be relocated resolved this issue.
2. The Project Team will organize a series of consultation workshops and round tables to discuss the methodology with the relevant stakeholders. Also, the methodology is based on EU best practices. We might face this issue in February 2010 where the approach for data gathering will be presented. No major resources will need to be relocated resolved this issue.
3. The Project Team will cooperate with different stakeholders to facilitate the data gathering process and if necessary indentify a minimum of public objects to be assessed in order to produce an average of energy performance of public buildings per Municipality as well as corresponding investment programmes. We might face this issue at the period between January and October 2010 where the data gathering will take place. For resolving this issue we might mobilize additional funds and hire additional support as local coordinators.
4. The project will support the national institutions to further explore possibilities for additional resource mobilization and connect the beneficiaries with donors and will prepare specific technical documentation on the IT equipment if needed. We might face this issue at the period between January and October 2010 where the data gathering will take place. No major resources will need to be relocated resolved this issue.



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5. The project will utilize the lessons learnt from similar projects that involved stakeholders on local level and develop specific activities that will increase the awareness and knowledge of targeted groups of stakeholders. Capacity building is one of the main objectives of the project and the core of UNDP mandate.
6. The main project partners (MoEPP, MoE, ADC and UNDP) will be represented in the Project Board which among the other will serve as a forum for exchange of information on the progress of various project components. In addition the project staff will ensure continuous collaboration with all stakeholders.

4. What new developments (if any) are likely to affect the achievement of programme or project results? What do you recommend to respond to these developments?

Disagreements within the senior management of the Ministry of Environment and Physical Planning are affecting the effective implementation of the project and a continuation might result in the postponement of the timeliness of project activities.

Further delays in the launch of the overall energy efficiency programme might effect the overall coordination and the quality of project outputs.

5. What are the views of the target groups with regard to the programme or project? Please note any significant gender-based differences in those views.

Target groups are satisfied with the project which is confirmed by their active participation in the inception workshop. The media is showing continuous and increasing interest for the energy efficiency and climate change issues and activities in the country and are reporting positively on the project activities. The PU will make a survey as a verification tool to assess the views of the target groups in the second year.

There are not any gender-based differences expressed.

6. To date, what lessons (both positive and negative) can be drawn from the experience of the programme or project?

Positive: Some of the Municipalities have organized systems for local energy management, and relevant data gathered for the purposes of improvement of the municipal budget planning.

Negative: According to the international experiences in implementing similar projects, approaching local self-governments is highly sensitive, can be complicated and therefore must be dealt in a well-planned and strategic manner.

7. If the programme or project has been evaluated, what is the implementation status of the recommendations made by the evaluators?

N/A

8. Do you propose any substantive revision to the programme or project document? If yes, what are they? State justification.

No substantive project revision is proposed.

9. Provide any other information that may further support or clarify your assessment of the programme or project. You may include annexes as you deem necessary.

N/A



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